Answers to Practice Exam 4

1. B - p40
2. F – p41
3. D – p27
4. A – p29
5. B – p47
6. B – p39
7. D – p36
8. B – p33
9. A – p18
10. B
11. A
12. B
13. A
14. C
15. D
16. C – p288
17. B
18. C
19. D – p324
20. D
21. E – p331
22. C – p321
23. B
24. C – p330
25. C – p411
26. B – p427
27. C – p412
28. D – p419
29. D – p429
30. C – p592
31. C – p598
32. C – p610
33. D – p768
34. C – p782
35. D – p777
36. B – p839
37. B – p850
38. A – p853
39. D – p151
40. C – p155
41. E – p157
42. B – p180
43. B – p84
44. A – p190
45. B – p190
46. C – p206
47. B – p230
48. B – p234
49. D – p255
50. A – p256
51. E – p181
52. B – p167
53. C – p56
54. C – p60
55. A – p68
56. C – p83
57. A – p96
58. C – p104
59. D – p101
60. E – p102
61. C – p128
62. D – p373
63. A – p386
64. D – p444
65. B – p485
66. B – p475
67. E – p461
68. B – p460
69. B – p519
70. B – p524
71. C – ½ x (1/2)2 = 1/8 (0.125)
72. C – fitness = 0.3, coefficient of selection s = 1-f = 1-0.3 = 0.7
73. B – p2 = 1/10,000 so p = 1/100 so q = 1-1/100 = 99/100 so carrier = 2pq = 2(0.01) (0.99)= 0.02
74. B – p676
75. C – p665
76. E – p729
77. F – p729
78. B – p736
79. B – p750
80. A – p 795
81. D – p829
82. B – p807
83. B – p823
84. C – p819
85. D –
86. C
87. D
88. D